

PROTOTYPE

ENG
WE b614
Page 1

Work Order ID 98698

98698

March-20-13 1:26:25 PM

Item ID: D2273 Accept *N900040100* Setup Start *NS1*
 Revision ID: U/R Stop *NS2*
 Item Name: Rear Locker Extender, Lay-Up
 Start Date: 3/20/13 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 3/20/13 Req'd Qty: 1.00 *1* Customer:

Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
110		0.00							
110	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O:	<u>18889</u>							
	Description:	D2273 Rear locker extender.							
		Certification of Conformity and process sheet from is required.							
120	Receive & Inspect for Damage & Mat'l Certs	0.00							
120	Packaging								
Packaging	Memo	0.00							
Packaging	Ensure a copy of Certification of Conformity and process sheet from Delastek is attached.								
130	QC5- Inspect part completeness to step on W/O	0.00							
130	QC								
Quality Control	Memo	0.00							
	Check hole locations to template. DT 8824 Check process sheet and audit.								

W 1302-08P 13/3/6 04QP 13/3/20 ①

Work Order ID 98698

March-20-13 1:26:25 PM

98698

Page 2

Item ID: D2273

Revision ID: U/R

Item Name: Rear Locker Extender, Lay-Up

Start Date: 3/20/13 Start Qty: 1.00

1

Required Date: 3/20/13 Req'd Qty: 1.00

1

Accept

N900040100

Setup

Start *NS1*

Stop

NS2

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

140

140

Small Fab

Small Fab

Memo

INSTALL DECALS AS PER DWG

0.00

N/A

For

TE&T

only

13/3/20

150

150

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

13/3/20

160

160

Packaging

Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D350-604-041
Location: _____
PPP Rev: _____

0.00

N/A

ENG USE ONLY
ENG 4109

13/3/20

Work Order ID 98698

98698

Page 3

March-20-13 1:26:25 PM

Item ID: D2273 Accept *N900040100* Setup Start *NS1*
Revision ID: U/R Stop *NS2*
Item Name: Rear Locker Extender, Lay-Up
Start Date: 3/20/13 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 3/20/13 Req'd Qty: 1.00 *1* Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Stop *NR2*
_____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170 *170* QC Quality Control	QC21- Final Inspection - Work Order Release Memos	0.00							WF 13-6-20 ENG 4109

Picklist Print

March-20-13 1:26:24 PM

Page 1

Work Order ID: 98698

Parent Item: D2273

Parent Item Name: Rear Locker Extender, Lay-Up

Start Date: 3/20/13

Required Date: 3/20/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2273P Rear Locker Extender		Purchased	No				Each	0.0000		1			

3/3/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18889**

Purchase Order Date 1/21/13
PO Print Date 1/21/13

Page Number 1 of 1

Order From : VU-CBD001

CARBON BY DESIGN
4128 AVENIDA DE LA PLATA
OCEANSIDE, CALIFORNIA 92056
USA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	USD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
FAXED
1/21/13

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1		D2273 350 REAR LOCKER EXTENDER	2/08/13	1.00	Yes Each	\$1,685.0000	\$1,685.00

1/3/3/6 PO Total: \$1,685.00

1/24/83

Change Nbr: 1

Change Date: 1/21/13

CL
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO



carbon by design

4128 Avenida De La Plata - Oceanside, CA 92056
 Phone: 760-643-1300 Fax: 760-643-1333
www.carbonbydesign.com

Packaging List

Date: 2/20/2013
 Packaging List No. 14713
 Cage Code: 4DG17
 CBD Work Order No. 7092
 Customer PO No.: PO18889

Billing Address:

Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7

Please Deliver To:

Dart Aerospace Ltd
 1270 Aberdeen
 Hawkesbury, On K6A 1K7
 Canada

Customer Phone	Terms	Rep	Ship Date	Ship Via	Buyer
	Net 30	JB	2/20/2013	UPS NEXT DAY	CBD

Item	PO Line#	Description	Qty
D2273	1	D2273, Dart Aerospace, 350 Rear Locker Extender, Fiberglass (Prototype, for testing, and fire specimens) S/N: 14713-1	1

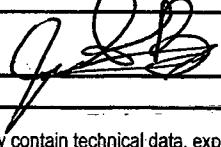
Pricing Good For 120 Days

Total Items: **SHIPPING VALUE**
\$1,685.00

CERTIFICATE OF CONFORMANCE (SHORT FORM CUSTOMERS ONLY)

I certify that on 2/25/13 the Carbon by Design LP furnished the supplies or services called for by the Purchase Order Above via Delivery in accordance with all applicable requirements.

I further certify that the supplies or services are of the quality specified and conform in all respects with the contract requirements, including specifications, drawings, preservation, packaging, packing, marking requirements, and physical item identification, and are in the quantity shown in this or on the attached acceptance document.

Quality: 

Date: 2/25/13

WARNING -This document and its attachments may contain technical data, export of which is restricted by the International Traffic in Arms Regulations (ITAR) or the Export Administration Act (EAA) of 1979, as amended. Disclosure to foreign persons without prior U.S. Government approval is prohibited. Violations of these export laws and regulations are subject to severe civil and criminal penalties.



carbon by design

2/21/2013

CERTIFICATE OF CONFORMANCE

PO: No.:	DESC:	Insp:	Packing #:
18889	350 REAR LOCKER	DmC	14713
Program:	Drawing:	Qty:	Serials:
DART	D2273	1	14713-1

Work Requirements:

Statement of Work: No SOW on file
Internal Process Doc.: APD: 2206-253
Inspection Document: AS9102 Rev. A
Manufacturing Process: Infusion
Security Requirement: Confidential

Approved Non-Conformances: NO**Pending SDR/ECN:** NO**DISPOSITION:** To Customer, Ship**SHIP METHOD:** UPS

ITAR WARNING –This document and its attachments may contain technical data, export of which is restricted by the International Traffic in Arms Regulations (ITAR) or the Export Administration Act (EAA) of 1979, as amended. Disclosure to foreign persons without prior U.S. Government approval is prohibited. Violations of these export laws and regulations are subject to severe civil and criminal penalties.

Certification Statement:

Carbon by Design LP certifies the items listed above conform to all of the applicable work and quality standard required in the purchase order listed above and any additional work requirements referenced.

All in process quality standards have been met according to customer requirements and Carbon by Design internal quality and finish requirements. All materials Certification are available for inspection and will remain on file at Carbon by Design for a period of no less than ten years.

Finished Materials/Process Specifications:

Per Drawing Redlines and Supplied Markups

Additional Quality Clauses:

Per PO Requirements, 100% Inspection

Active Quality Systems:

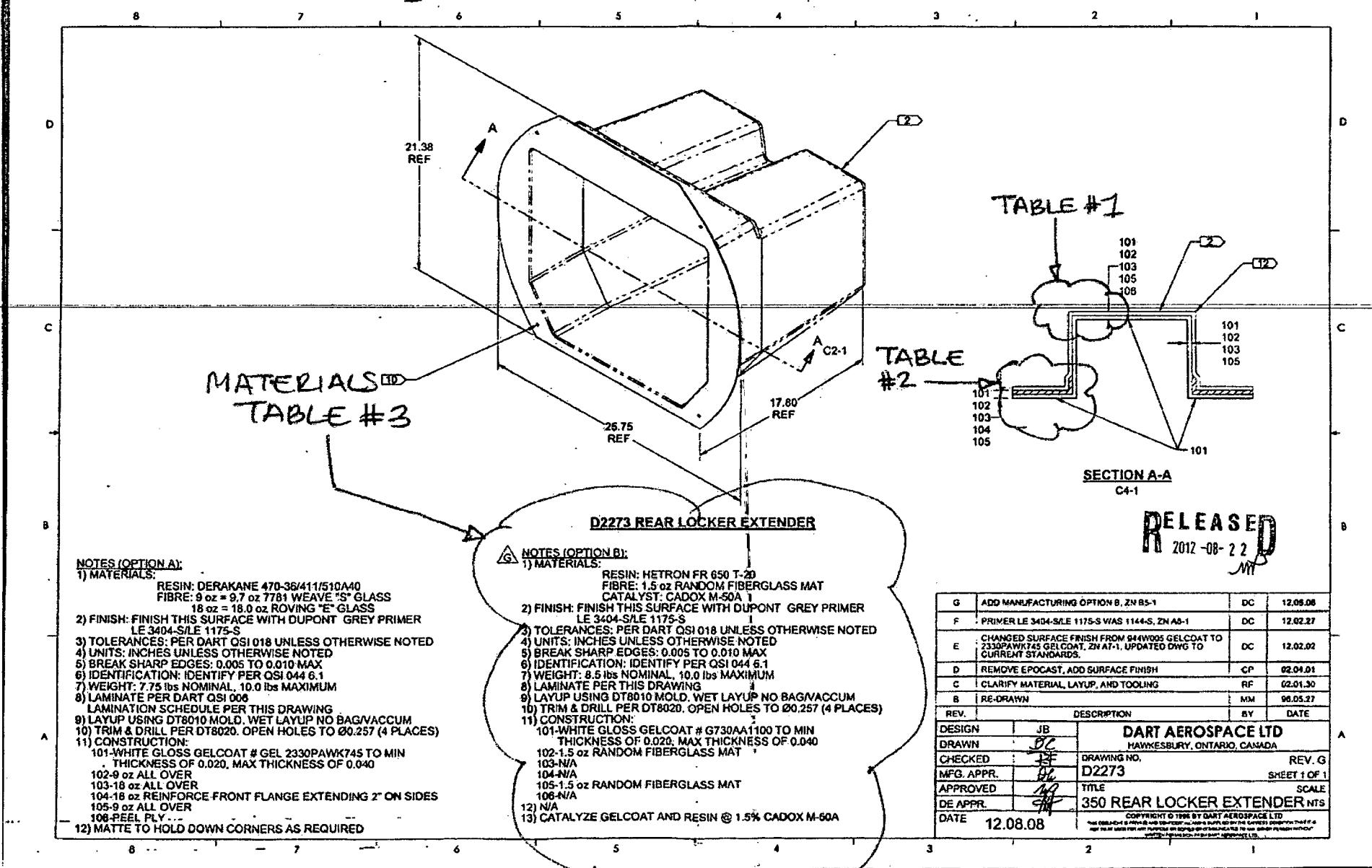
ISO9001:2008

Inspectors Signature:

Date:

3/22/13

D CONSALVI - 2-26-13

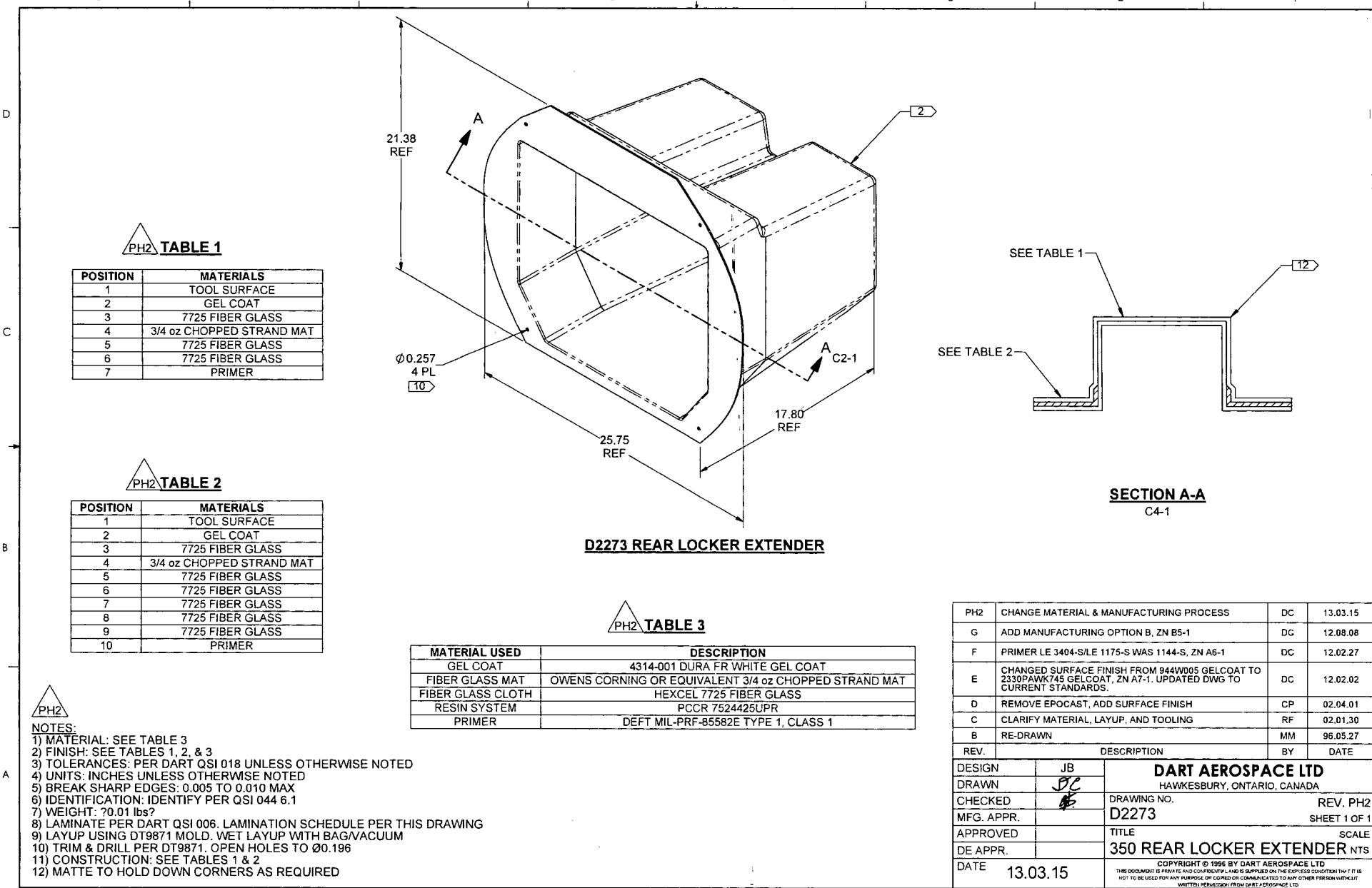


G	ADD MANUFACTURING OPTION B, ZN B5-1	DC	12.08.08
F	PRIMER LE 3404-SLE 1175-S WAS 1144-S, ZN A5-1	DC	12.02.27
E	CHANGED SURFACE FINISH FROM 944W005 GELCOAT TO 2330PAWK745 GELCOAT, ZN A7-1, UPDATED DWG TO CURRENT STANDARDS.	DC	12.02.02
D	REMOVE EPOCAST, ADD SURFACE FINISH	CP	02.04.01
C	CLARIFY MATERIAL, LAYUP, AND TOOLING	RF	02.01.30
B	RE-DRAWN	MM	06.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PF	DRAWING NO.	REV. G
MFG. APPR.	DC	D2273	SHEET 1 OF 1
APPROVED	MG	TITLE	SCALE
DE APPR.	MM	350 REAR LOCKER EXTENDER NTS	COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE COPIED OR DISSEMINATED WITHOUT THE EXPRESS WRITTEN CONSENT OF DART AEROSPACE LTD.
DATE	12.08.08		

REDLINES/CBD/D. CONSALVI

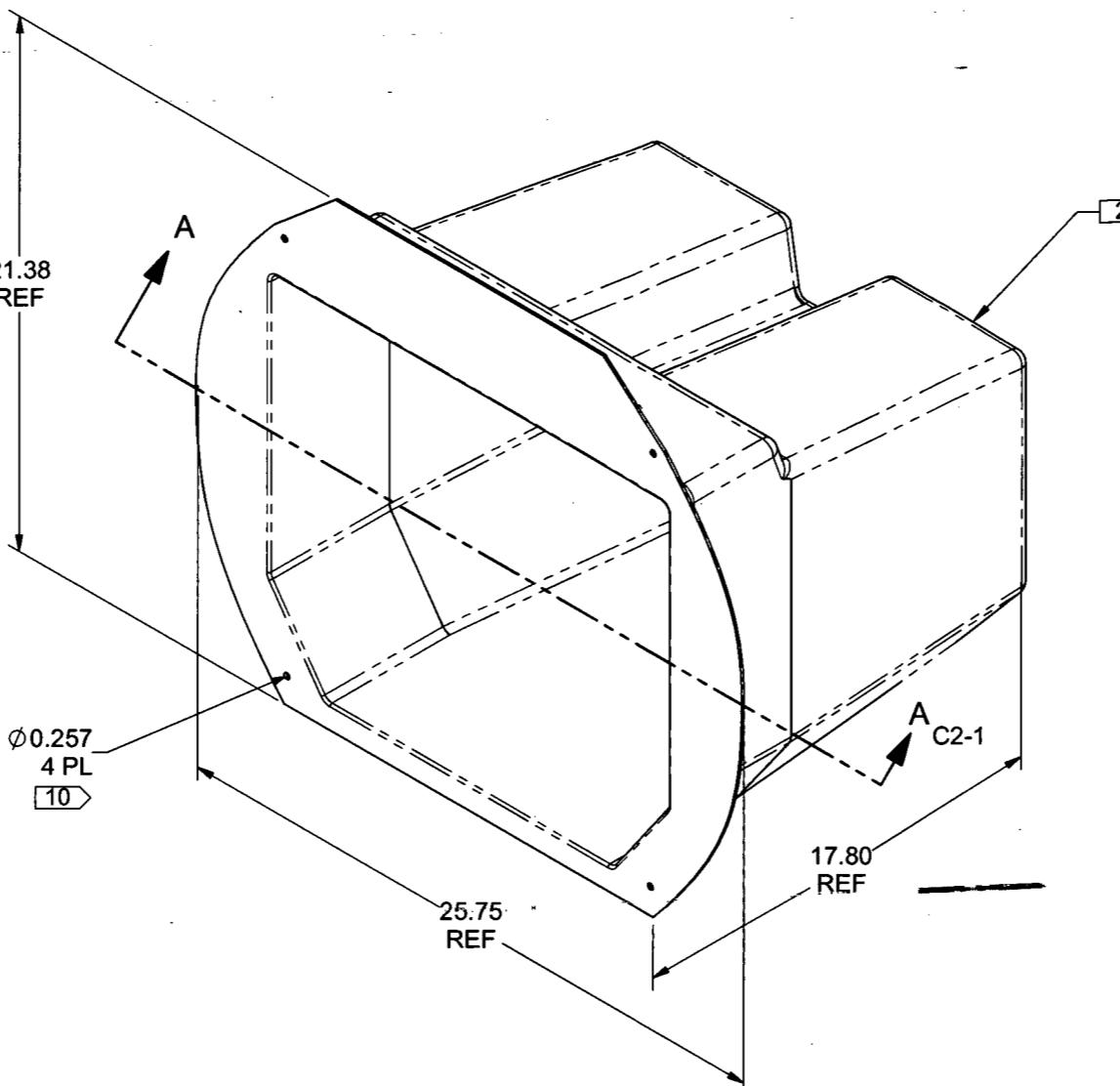
2-26-13

8 7 6 5 4 3 2 1



PH2	CHANGE MATERIAL & MANUFACTURING PROCESS	DC	13.03.15
G	ADD MANUFACTURING OPTION B, ZN B5-1	DC	12.08.08
F	PRIMER LE 3404-SILE 1175-S WAS 1144-S, ZN A6-1	DC	12.02.27
E	CHANGED SURFACE FINISH FROM 944WD05 GELCOAT TO 2330PAWK745 GELCOAT, ZN A7-1. UPDATED DWG TO CURRENT STANDARDS.	DC	12.02.02
D	REMOVE EPOCAST, ADD SURFACE FINISH	CP	02.04.01
C	CLARIFY MATERIAL, LAYUP, AND TOOLING	RF	02.01.30
B	RE-DRAWN	MM	96.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	BC		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	13.03.15	DRAWING NO.	D2273
		REV.	PH2
		SHEET 1 OF 1	
		TITLE	350 REAR LOCKER EXTENDER NTS
		SCALE	

COPYRIGHT © 1996 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD



PH2 **TABLE 1**

POSITION	MATERIALS
1	TOOL SURFACE
2	GEL COAT
3	7725 FIBER GLASS
4	3/4 oz CHOPPED STRAND MAT
5	7725 FIBER GLASS
6	7725 FIBER GLASS
7	PRIMER

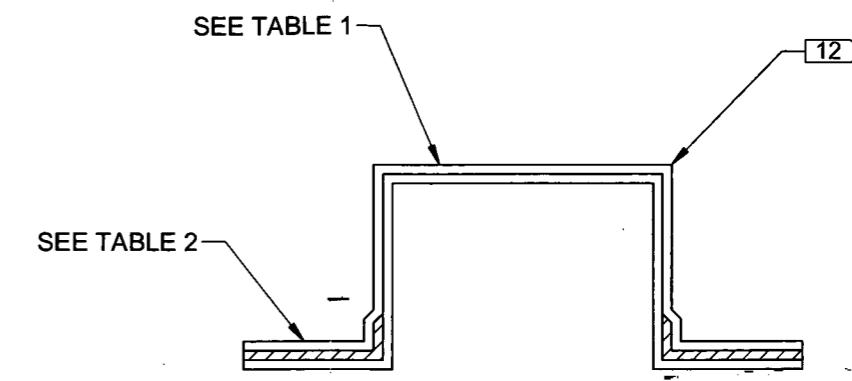
PH2 **TABLE 2**

POSITION	MATERIALS
1	TOOL SURFACE
2	GEL COAT
3	7725 FIBER GLASS
4	3/4 oz CHOPPED STRAND MAT
5	7725 FIBER GLASS
6	7725 FIBER GLASS
7	7725 FIBER GLASS
8	7725 FIBER GLASS
9	7725 FIBER GLASS
10	PRIMER

PH2

NOTES:

- 1) MATERIAL: SEE TABLE 3
- 2) FINISH: SEE TABLES 1, 2, & 3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: ?0.01 lbs?
- 8) LAMINATE PER DART QSI 006. LAMINATION SCHEDULE PER THIS DRAWING
- 9) LAYUP USING DT9871 MOLD. WET LAYUP WITH BAG/VACUUM
- 10) TRIM & DRILL PER DT9871. OPEN HOLES TO Ø 0.196
- 11) CONSTRUCTION: SEE TABLES 1 & 2
- 12) MATTE TO HOLD DOWN CORNERS AS REQUIRED



SECTION A-A
C4-1

PH2 **TABLE 3**

MATERIAL USED	DESCRIPTION
GEL COAT	4314-001 DURA FR WHITE GEL COAT
FIBER GLASS MAT	OWENS CORNING OR EQUIVALENT 3/4 oz CHOPPED STRAND MAT
FIBER GLASS CLOTH	HEXCEL 7725 FIBER GLASS
RESIN SYSTEM	PCCR 7524425UPR
PRIMER	DEFT MIL-PRF-85582E TYPE 1, CLASS 1

PH2	CHANGE MATERIAL & MANUFACTURING PROCESS	DC	13.03.15
G	ADD MANUFACTURING OPTION B, ZN B5-1	DC	12.08.08
F	PRIMER LE 3404-S/LE 1175-S WAS 1144-S, ZN A6-1	DC	12.02.27
E	CHANGED SURFACE FINISH FROM 944W005 GELCOAT TO 2330PAWK745 GELCOAT, ZN A7-1. UPDATED DWG TO CURRENT STANDARDS.	DC	12.02.02
D	REMOVE EPOCAST, ADD SURFACE FINISH	CP	02.04.01
C	CLARIFY MATERIAL, LAYUP, AND TOOLING	RF	02.01.30
B	RE-DRAWN	MM	96.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BB	DRAWING NO.	REV. PH2
MFG. APPR.		D2273	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		350 REAR LOCKER EXTENDER	NTS
DATE	13.03.15	COPYRIGHT © 1996 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Material Requisitions

R/S#: _____

2600 Lw 123150
Part Number: 2600-6 Batch #: 123150 Quantity: 4

Received/taken by: SA Date: 13-03-13

USED FOR: (must be completed)

Engineering Project # P _____

OR

Shop Tooling (non-work order) _____